In the Abstract:

Page 13, please make the following changes:

Abstract of the Disclosure

The invention creates a method for correlating discrete time signal segments, wherein a predetermined signal section in a signal is determined by means of the correlation, in particular for a signal transmission system, wherein the system having the known signal segment is sent from a transmitter to a receiver, and the position of the known signal segment in the signal is determined in the receiver by means of the correlation between the received signal and the known signal segment. The known signal segment is stored in the receiver as erroned hierarchical sequence that is the sum of a hierarchical sequence and an error sequence. The correlation is formed as sum of a correlation between the received signal and the stored hierarchical sequence and a correlation between the signal and the stored error sequence.

The method determines the position of a predetermined known signal segment in a transmitted signal received in a receiver by means of a correlation between the received signal and a representation of the known signal segment stored in the receiver. The known signal segment is stored in the receiver as an erroned hierarchical sequence that is the sum of a hierarchical sequence and an error sequence. The correlation is formed as a sum of a correlation between the received signal and the stored hierarchical sequence and a correlation between the received signal and the stored error sequence.